

## ABSTRACT

A first file 401 includes management data 404. The data 404 describes management information units related to a plurality of transport streams 406 and 407 constituting a second file 403. A third file 402 includes only time map data 405 indicating the relationship between time and recording position of the transport stream 406 and does not include time map data related to the other transport stream 407. In this arrangement, multistream data, multichannel data, or full TS data is recorded as the transport stream 407. Accordingly, multistream recording or multichannel recording, and full TS recording can be easily realized in a video recorder for, e.g. a DVD.